



U.S. DEPARTMENT OF
ENERGY



9th Annual U.S. Department of Energy
Small Business Conference

Plenary Sessions

DOE Oak Ridge Office

Freda H. Hopper
Small Business Program Manager



Key Oak Ridge Missions



❖ Science and Technology



❖ Science Education



❖ Environmental Cleanup



❖ Energy & Nuclear Fuel Supply



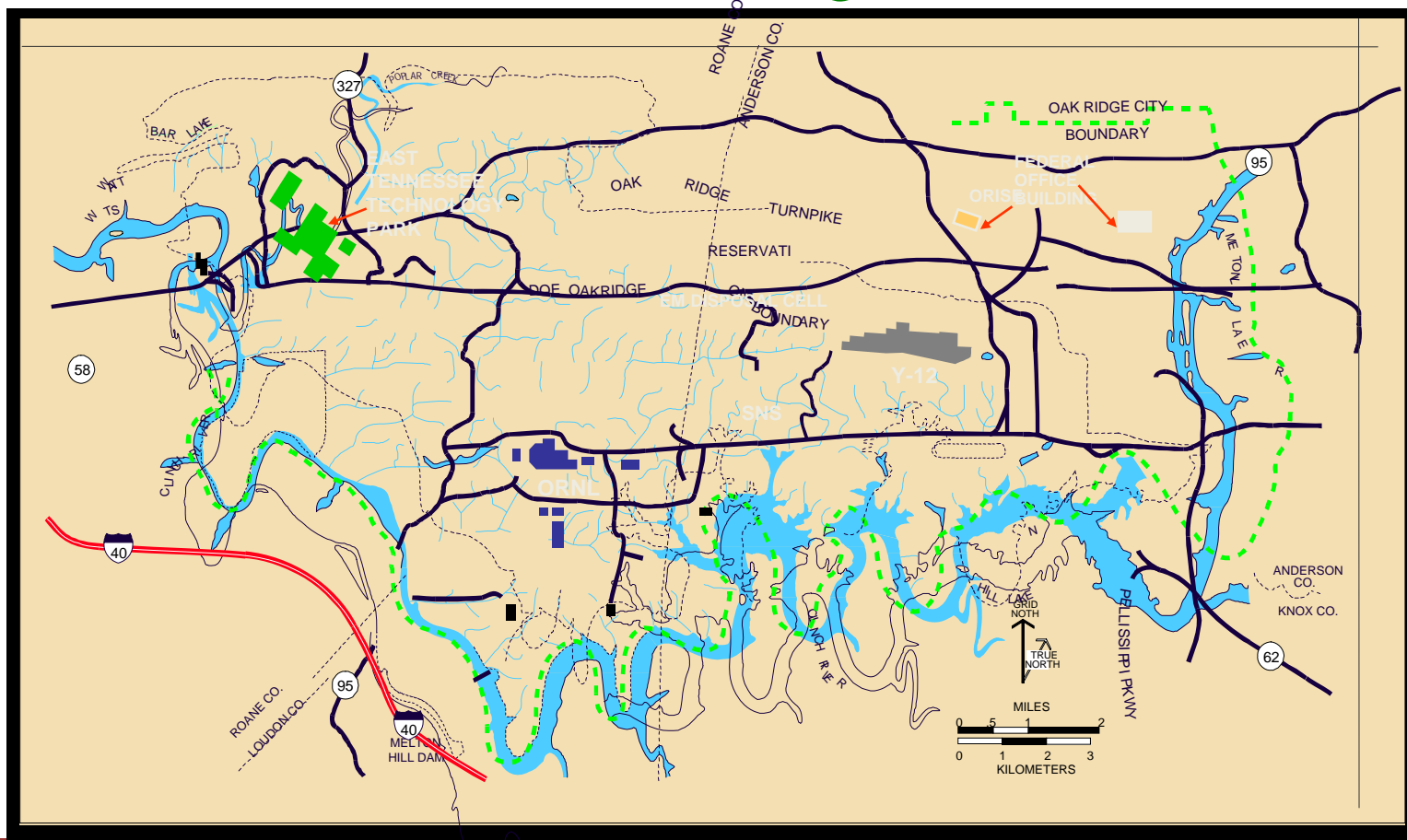
❖ National Security

❖ Reindustrialization

❖ Technology Transfer & Economic Development



A World Leading Research and Advanced Manufacturing Park





Oak Ridge Reservation



**Oak Ridge National
Laboratory**

Oak Ridge Office



**East Tennessee
Technology Park**



**Oak Ridge Institute
for Science and
Education**

Office of Scientific and Technical Information



Y-12 Site Office



**Y-12 National
Security
Complex**



Major Oak Ridge Contractors

ORO



NNSA

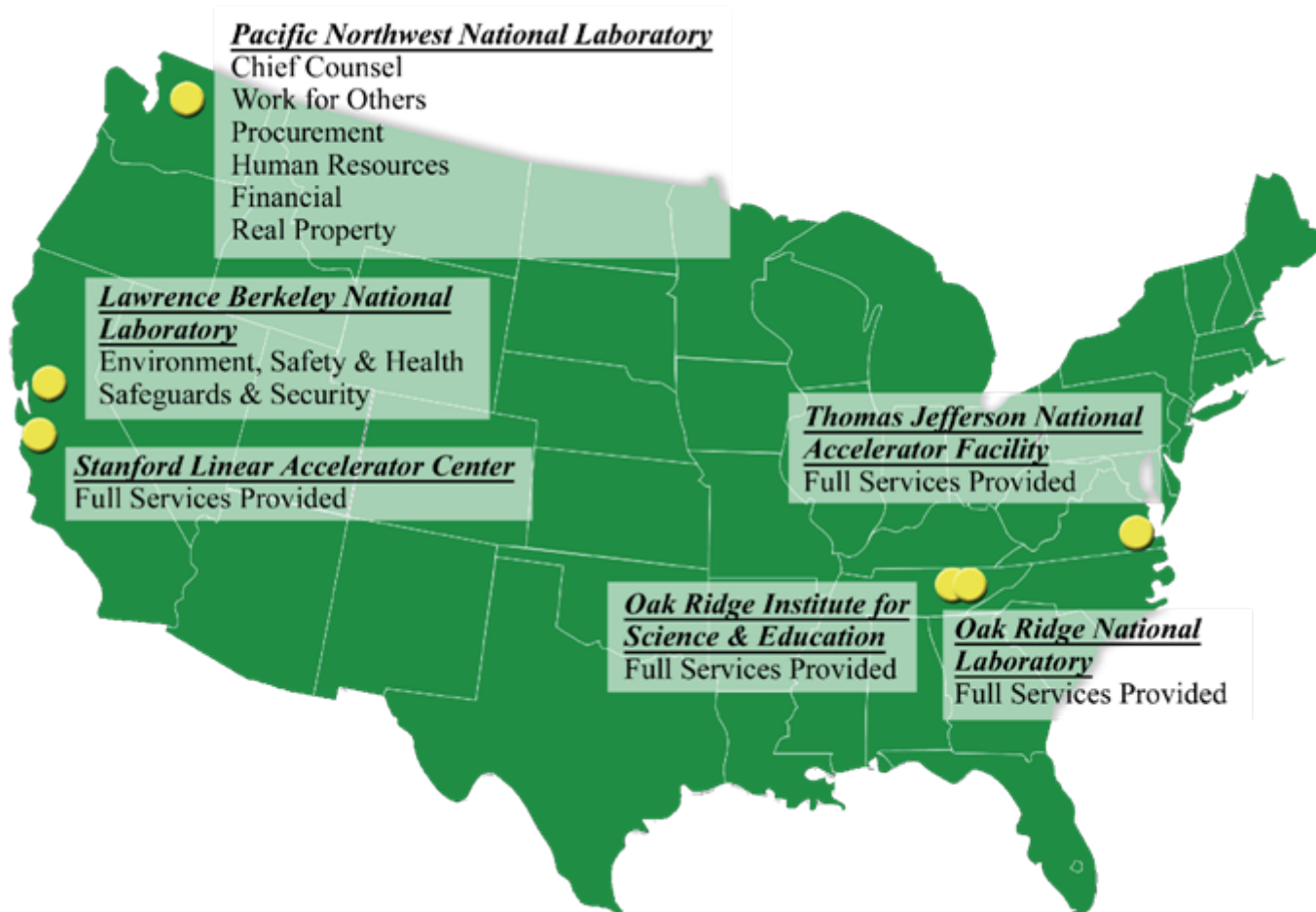


OSTI





ORO Support to Science Labs





Oak Ridge FY 2009 President's Budget Summary by Assistant Secretary

(Energy and
Water
Appropriations)
(Budget
Authority in
Millions of
Dollars)

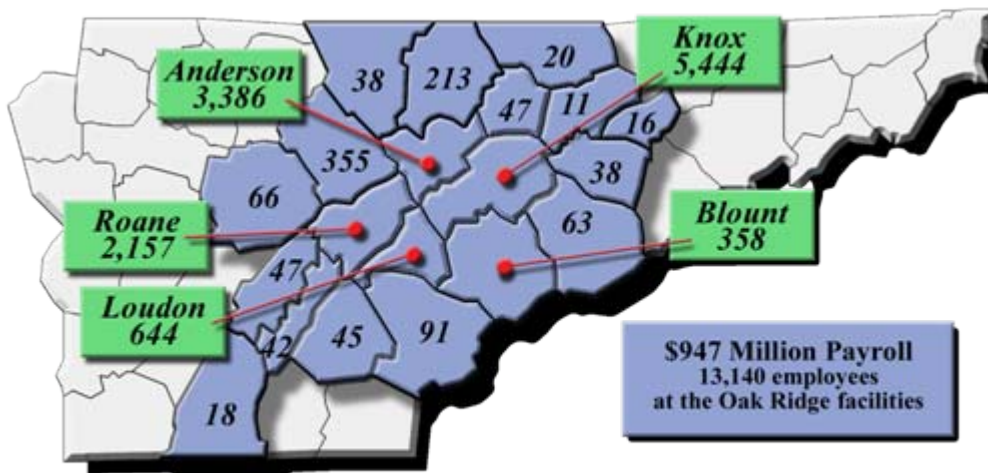
Assistant Secretary	FY 2007 Actual	FY 2008 Omnibus	FY 2009 President's Budget
OAK RIDGE OFFICE			
Science			
Leadership Computing Facility (LCF)	77	85	85
ITER	60	10	215
Spallation Neutron Source (SNS)	166	166	178
Modernization of Laboratories--ORNL	2	7	14
Other Research	335	349	363
Subtotal Science	640	617	855
Defense Environmental Management	211	191	238
Decontamination & Decommissioning (D&D)	288	285	184
Safeguards and Security (S&S)	19	19	27
Program Direction	15	16	16
Uranium/Thorium Payments	20	20	-
Subtotal Environmental Management (EM)	553	531	465
Energy Efficiency and Renewable Energy (EERE) and Electricity Delivery and Energy Reliability (OE)	109	85	85
Nuclear Energy (NE)	37	40	43
Defense Programs (DP)	27	24	24
Nuclear Nonproliferation (NN)	215	170	170
Other DOE ORO	25	27	27
Subtotal DOE ORO	1,606	1,494	1,669
Work for Others-ORO	362	362	362
Subtotal OAK RIDGE OFFICE	1,968	1,856	2,031



Economic Impact of DOE Programs in Tennessee

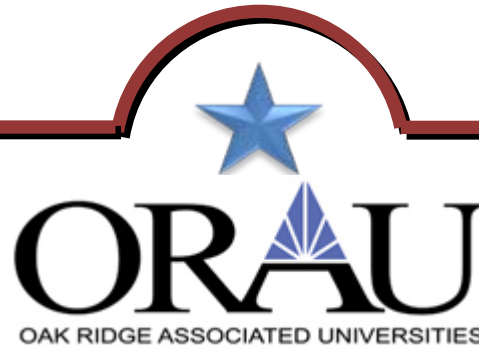
- Regional Impact

- Statewide Impact



Misc. counties = 41

- ❖ \$3.7 billion – increase in gross state product
- ❖ 62,000 – full-time jobs supported
- ❖ \$75 million – state and local sales tax paid
- ❖ 4th – largest employer in the State of Tennessee



Oak Ridge Associated Universities (ORAU) Mission

- ❖ As a consortium of doctoral-granting academic institutions, ORAU member universities share the common objective of advancing scientific research and education by creating mutually beneficial collaborative partnerships involving academia, government, and industry.
- ❖ ORAU operates as a federal contractor for the U.S. Department of Energy by targeting three core areas: (1) worker/public health and independent verification of environmental cleanup; (2) weapons of mass destruction national preparedness and emergency response; and (3) science education, workforce development, and scientific review programs.
- ❖ As a strategic partner with UT-Battelle, ORAU works with the University of Tennessee and Battelle to help strengthen the science and technology programs at ORNL.

ORAU Subcontracting Base: \$50M :: ORAU Forecasts: <http://www.oraui.org/>



Bechtel Jacobs Company LLC (BJC) Mission:

- ❖ BJC is the environmental management contractor for the U. S. Department of Energy's (DOE) Oak Ridge Office, located in Oak Ridge, Tennessee. It is working under an accelerated schedule to complete cleanup in Oak Ridge quicker and at less cost than originally anticipated.
- ❖ The company is responsible for environmental cleanup and waste management on DOE's Oak Ridge Reservation.
- ❖ BJC also supports DOE in a reindustrialization program to find commercial uses for many Oak Ridge facilities that no longer have a mission.

BJC Subcontracting Base: \$146M :: BJC Forecasts: <http://www.bechteljacobs.com/index.html>



U.S. DEPARTMENT OF
ENERGY



STANFORD LINEAR ACCELERATOR CENTER

Stanford Linear Accelerator Center (SLAC) Mission

- ❖ Our programs explore the ultimate structure and dynamics of matter and the properties of energy, space and time—at the smallest and largest scales, in the fastest processes, and at the highest energies.
- ❖ Through these programs and our strong coupling to Stanford, we seek both to advance the boundaries of scientific understanding and to inspire and teach the next generation of scientists.
- ❖ Our management and support functions will effectively and efficiently enable the laboratory vision. "

SLAC Subcontracting Base: \$131M :: SLAC Forecasts: <http://www.slac.stanford.edu/>



Thomas Jefferson National Accelerator Facility (Jefferson Lab) Mission

- ❖ The U.S. Department of Energy's Office of Science funds Jefferson Lab. As a user facility for scientists worldwide, its primary mission is to conduct basic research of the atom's nucleus at the quark level.
- ❖ With industry and university partners, Jefferson Lab also has a derivative mission: applied research for using the Free-Electron Lasers based on technology developed at the lab to conduct physics experiments.
- ❖ Additionally, as a center for both basic and applied research, Jefferson Lab reaches out to help educate the next generation in science and technology.

JLAB Subcontracting Base: \$48.5M :: JLAB Forecasts: <http://www.jlab.org/>



U.S. DEPARTMENT OF
ENERGY



OAK RIDGE NATIONAL LABORATORY

Managed by UT-Battelle for the Department of Energy

Oak Ridge National Laboratory (ORNL) Mission

- ❖ Originally known as Clinton Laboratories, ORNL was established in 1943 to carry out a single, well-defined mission: the pilot-scale production and separation of plutonium for the World War II Manhattan Project. From this foundation, the Laboratory has evolved into a unique resource for addressing important national and global energy and environmental issues.
- ❖ Today, ORNL pioneers the development of new energy sources, technologies, and materials and the advancement of knowledge in the biological, chemical, computational, engineering, environmental, physical, and social sciences.

ORNL Subcontracting Base: \$444M :: ORNL Forecasts: <http://www.ornl.gov/>



9th Annual U.S. Department of Energy Small Business Conference

Plenary Sessions

Freda H. Hopper

Small Business Program Manager

U.S. Department of Energy – Oak Ridge Office

200 Administration Road

P.O. Box 2001

Oak Ridge, TN 37831

Phone: (865) 576-9430

Fax: (865) 576-9188

E-mail: hopperfh@oro.doe.gov